

SEQUENCE LISTING

<110> CropDesign N.V.
 <120> Plants having increased yield and method for making the same
 <130> CD-106-PCT
 <150> US 60/532,287
 <151> 2003-12-22
 <160> 5
 <170> PatentIn version 3.3
 <210> 1
 <211> 1311
 <212> DNA
 <213> Arabidopsis thaliana
 <220>
 <221> misc_feature
 <223> A variant of the coding sequence of the sequence deposited under accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295
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 atgtattgct cttcttcgat gcatccaaat gcaaacaaag aaaatatctc tacttcagat 60
 gtacaggaga gttttgtacg aataacgaga tcacgagcta aaaaagccat gggaagagga 120
 gtatcaatac ctccaacaaa accttctttt aaacagcaaa agagacgtgc agtacttaag 180
 gatgtgagta atacctctgc agatattatt tattcagaac ttcgaaaggg aggcaacatc 240
 aaggcaaaaca gaaaatgtct aaaagagcct aaaaaagcag caaaggaagg tgctaacagt 300
 gccatggata ttctggtaga tatgcataca gaaaaatcaa aattagcaga agatttgtcc 360
 aagatcagga tggctgaagc ccaagatgtc tctctttcaa actttaaaaga tgaagaaatt 420
 actgagcaac aagaagatgg atcagggtgc atggagttac ttcaagttgt agatattgat 480
 tccaacgtcg aagatccaca gtgttgacgc ttgtatgctg ctgatataata tgacaacata 540
 catgttgacg agcttcaaca acgacccttg gctaattata tggagcttgt gcagcgagat 600
 atcgaccagc acatgagaaa gattctgatt gactggcttg tagaagtttc tgacgactac 660
 aagctgggtc cagatacgct ttaccttaca gtgaatctta tcgaccggtt tctgtccaac 720
 agttacattg aaaggcaaaag actccagctc cttgggtgtct cttgcatgct tatagcttca 780
 aaatatgaag agctttccgc accaggggtg gaggagtttt gcttcattac ggccaacaca 840
 tacacaagac cagaagtgtc gagcatggag attcaaattc taaattttgt gcactttaga 900
 ttatcggttc ctaccaccaa aacattttctg aggcggttca ttaaagcagc tcaagcttcg 960
 tacaagggtg ctttcattga actggagtat ttagcaaact atctcgccga attgacactg 1020
 gtggaatata gtttcctaag gttcctgcca tctaattg ctgcttcagc tgttttccta 1080
 gcccgatgga cactcgacca aactgacat ccttgaacc ctactctgca aactacacc 1140
 agatatgagg tagctgagct gaagaacaca gttctcgcca tggaggactt gcagctcaac 1200
 accagtggct gtactctcgc tgccaccgt gagaaataca accaaccaaa gtttaagagc 1260
 gtggcaaacg tgacatctcc caaacgagtc acatcactat tctcaagatg a 1311
 <210> 2
 <211> 436
 <212> PRT
 <213> Arabidopsis thaliana
 <220>
 <221> MISC_FEATURE
 <223> A variant of the sequence deposited under accession number NP_568248 contains an arginine instead of a proline on position

284 and a phenylalanine instead of a serine on position 432

4400>	2															
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1				5					10					15		
Ser	Thr	Ser	Asp	Val	Gln	Glu	Ser	Phe	Val	Arg	Ile	Thr	Arg	Ser	Arg	
			20					25					30			
Ala	Lys	Lys	Ala	Met	Gly	Arg	Gly	Val	Ser	Ile	Pro	Pro	Thr	Lys	Pro	
		35					40					45				
Ser	Phe	Lys	Gln	Gln	Lys	Arg	Arg	Ala	Val	Leu	Lys	Asp	Val	Ser	Asn	
	50					55					60					
Thr	Ser	Ala	Asp	Ile	Ile	Tyr	Ser	Glu	Leu	Arg	Lys	Gly	Gly	Asn	Ile	
65					70					75					80	
Lys	Ala	Asn	Arg	Lys	Cys	Leu	Lys	Glu	Pro	Lys	Lys	Ala	Ala	Lys	Glu	
				85					90					95		
Gly	Ala	Asn	Ser	Ala	Met	Asp	Ile	Leu	Val	Asp	Met	His	Thr	Glu	Lys	
			100					105					110			
Ser	Lys	Leu	Ala	Glu	Asp	Leu	Ser	Lys	Ile	Arg	Met	Ala	Glu	Ala	Gln	
		115					120					125				
Asp	Val	Ser	Leu	Ser	Asn	Phe	Lys	Asp	Glu	Glu	Ile	Thr	Glu	Gln	Gln	
	130					135					140					
Glu	Asp	Gly	Ser	Gly	Val	Met	Glu	Leu	Leu	Gln	Val	Val	Asp	Ile	Asp	
145					150					155					160	
Ser	Asn	Val	Glu	Asp	Pro	Gln	Cys	Cys	Ser	Leu	Tyr	Ala	Ala	Asp	Ile	
				165					170					175		
Tyr	Asp	Asn	Ile	His	Val	Ala	Glu	Leu	Gln	Gln	Arg	Pro	Leu	Ala	Asn	
			180					185					190			
Tyr	Met	Glu	Leu	Val	Gln	Arg	Asp	Ile	Asp	Pro	Asp	Met	Arg	Lys	Ile	
		195					200					205				
Leu	Ile	Asp	Trp	Leu	Val	Glu	Val	Ser	Asp	Asp	Tyr	Lys	Leu	Val	Pro	
	210					215					220					
Asp	Thr	Leu	Tyr	Leu	Thr	Val	Asn	Leu	Ile	Asp	Arg	Phe	Leu	Ser	Asn	
225					230					235					240	
Ser	Tyr	Ile	Glu	Arg	Gln	Arg	Leu	Gln	Leu	Leu	Gly	Val	Ser	Cys	Met	
				245					250					255		
Leu	Ile	Ala	Ser	Lys	Tyr	Glu	Glu	Leu	Ser	Ala	Pro	Gly	Val	Glu	Glu	
			260					265					270			
Phe	Cys	Phe	Ile	Thr	Ala	Asn	Thr	Tyr	Thr	Arg	Pro	Glu	Val	Leu	Ser	
		275					280					285				
Met	Glu	Ile	Gln	Ile	Leu	Asn	Phe	Val	His	Phe	Arg	Leu	Ser	Val	Pro	
	290					295					300					

Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser
 305 310 315 320
 Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
 325 330 335
 Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
 340 345 350
 Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
 355 360 365
 Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
 370 375 380
 Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
 385 390 395 400
 Thr Ser Gly Cys Thr Leu Ala Ala Thr Arg Glu Lys Tyr Asn Gln Pro
 405 410 415
 Lys Phe Lys Ser Val Ala Lys Leu Thr Ser Pro Lys Arg Val Thr Ser
 420 425 430
 Leu Phe Ser Arg
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 <211> 654
 <212> DNA
 <213> Oryza sativa

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 ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttat ttcataattac 180
 aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt 240
 attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt 300
 gcattaccaa aatatatata gcttacaaaa catgacaagc ttagtttgaa aaattgcaat 360
 ccttatcaca ttgacacata aagtgagtga tgagtcataa tattattttc ttgctaccc 420
 atcatgtata tatgatagcc acaaagttac tttgatgatg atatcaaaga acatttttag 480
 gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt 540
 aaaactaaca ctctaaagca accgatggga aagcatctat aaatagacaa gcacaatgaa 600
 aatcctcatc atccttcacc acaattcaaa tattatagtt gaagcatagt agta 654

<210> 4
 <211> 56
 <212> DNA
 <213> Artificial sequence

<220>
 <223> primer PRM582

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<210> 5
 <211> 52

<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM583

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